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307-311 (2002) 1563
307-311 (2002) 966
307-311 (2002) 798
307-311 (2002) 1696
307-311 (2002) 1710
307-311 (2002) 988
307-311 (2002) 1037
307-311 (2002) 1037
307-311 (2002) 1141
307-311 (2002) 823

- Fujii, K., see Hatano, Y.
- Fujii, K., see Hayakawa, R.
- Fujitsuka, M., I. Mutoh, T. Tanabe, B. Tsuchiya, M. Narui, T. Shikama and M. Sato, Change of thermal diffusivity and lattice constants of W-5% Re-HfC alloys irradiated in a fission reactor
- Fujiwara, M., K. Natesan, M. Satou, A. Hasegawa and K. Abe, Effects of doping elements on oxidation properties of V-Cr-Ti type alloys in several environments
- Fujiwara, M., see Ukai, S.
- Fujiwara, M., see Ukai, S.
- Fujiwara, T., see Miyamoto, M.
- Fukaya, K., see Saito, S.
- Fukaya, K., see Saito, S.
- Fukumoto, K., see Hayashi, T.
- Fukumoto, K., T. Yamamoto, N. Nakao, S. Takahashi and H. Matsui, High temperature performance of highly purified V-4Cr-4Ti alloy, NIFS-Heat1
- Fukumoto, K., see Hayashi, T.
- Fukumoto, K., see Hayashi, T.
- Fukumoto, K., see Nita, N.
- Fukumoto, K., see Nogiwa, K.
- Fukumoto, K.-i., see Hayakawa, R.
- Furuno, S., see Wakai, E.
- Furuya, K., E. Wakai, M. Ando, T. Sawai, K. Nakamura, H. Takeuchi and A. Iwabuchi, Microstructure and hardness of HIP-bonded regions in F82H blanket structures
- Furuya, K., see Song, M.
- Furuya, K., see Wakai, E.
- Furuya, T., see Ishijima, Y.
- García-Rosales, C., N. Ordás, E. Oyarzabal, J. Echeberria, M. Balden, S. Lindig and R. Behrisch, Improvement of the thermo-mechanical properties of fine grain graphite by doping with different carbides
- Garin, P., see Schlosser, J.
- Garkusha, I.E., see Bandura, A.N.
- Garner, F.A., see Okita, T.
- Garner, F.A., see Oliver, B.M.
- Garner, F.A., see Oliver, B.M.
- Garner, F.A., see Porollo, S.I.
- Garner, F.A., see Sencer, B.H.
- Garner, F.A., see Yu, J.
- Gasparotto, M., see Lackner, K.
- Gelles, D., see Schaeublin, R.
- Gelles, D.S., M.L. Hamilton, B.M. Oliver, L.R. Greenwood, S. Ohnuki, K. Shiba, Y. Kohno, A. Kohyama and J.P. Robertson, Recent results for the ferritics isotopic tailoring (FIST) experiment
- 307-311 (2002) 1339
307-311 (2002) 580
307-311 (2002) 426
307-311 (2002) 601
307-311 (2002) 749
307-311 (2002) 758
307-311 (2002) 710
307-311 (2002) 1542
307-311 (2002) 1573
307-311 (2002) 993
307-311 (2002) 610
307-311 (2002) 930
307-311 (2002) 951
307-311 (2002) 398
307-311 (2002) 946
307-311 (2002) 580
307-311 (2002) 203
307-311 (2002) 289
307-311 (2002) 971
307-311 (2002) 278
307-311 (2002) 1369
307-311 (2002) 1282
307-311 (2002) 686
307-311 (2002) 106
307-311 (2002) 322
307-311 (2002) 1418
307-311 (2002) 1471
307-311 (2002) 339
307-311 (2002) 266
307-311 (2002) 357
307-311 (2002) 10
307-311 (2002) 197
307-311 (2002) 212
- Gelles, D.S., Microstructural examination of irradiated and unirradiated V-4Cr-4Ti pressurized creep tubes
- Gelles, D.S., see Hamilton, M.L.
- Gelles, D.S., see Klueh, R.L.
- Gelles, D.S., see Sencer, B.H.
- Gelles, D.S., see Yu, J.
- Gentzbittel, J.M., I. Chu and H. Burlet, The effect of hot isostatic pressing parameters on microstructure and mechanical properties of Eurofer powder HIPed material
- Gervash, A., see Rödig, M.
- Ghoniem, N.M., S.H. Tong, J. Huang, B.N. Singh and M. Wen, Mechanisms of dislocation-defect interactions in irradiated metals investigated by computer simulations
- Ghoniem, N.M., see Singh, B.N.
- Giancarli, L., see Jones, R.H.
- Giancarli, L., see Raffray, A.R.
- Giusti, D., see Nakamura, H.
- Glasbrenner, H., J. Konys, Z. Voss and O. Wedemeyer, Corrosion behaviour of Al based tritium permeation barriers in flowing Pb-17Li
- Glugla, M., see Bekris, N.
- Golikov, I., see Tebus, V.
- Golovanov, V.N., see Ioltukhovskiy, A.G.
- Golovanov, V.N., see Shamardin, V.K.
- Goncharenko, Yu.D., see Chakin, V.P.
- Goncharenko, Yu.D., see Shamardin, V.K.
- Gong, X., see Krieger, K.
- Gorokhov, V., see Khomutov, A.
- Goshchitskii, B.N., V.V. Sagardze, V.I. Shalaev, V.L. Arbuzov, Y. Tian, W. Qun and S. Jiguang, Structure, radiation resistance and thermal creep of ODS ferritic steels
- Goshchitskii, B.N., see Sagardze, V.V.
- Gosset, D., see Bonal, J.P.
- Gragg, D., see Odette, G.R.
- Greenwood, L.R., see Gelles, D.S.
- Greenwood, L.R., see Heinisch, H.L.
- Greenwood, L.R., see Okita, T.
- Greuner, H., see Valenza, D.
- Gribkov, V.A., see Pimenov, V.N.
- Gridneva, E.A., see Bandourko, V.V.
- Grismanovs, V., see Nakazawa, T.
- Grossbeck, M.L., J.F. King, T. Nagasaka and S.A. David, Gas tungsten arc welding of vanadium alloys with impurity control
- Grossbeck, M.L., Creep of V-4Cr-4Ti in a lithium environment
- 307-311 (2002) 393
307-311 (2002) 256
307-311 (2002) 455
307-311 (2002) 266
307-311 (2002) 357
307-311 (2002) 540
307-311 (2002) 53
307-311 (2002) 843
307-311 (2002) 159
307-311 (2002) 1057
307-311 (2002) 21
307-311 (2002) 1675
307-311 (2002) 1360
307-311 (2002) 1649
307-311 (2002) 966
307-311 (2002) 532
307-311 (2002) 229
307-311 (2002) 647
307-311 (2002) 229
307-311 (2002) 139
307-311 (2002) 630
307-311 (2002) 783
307-311 (2002) 317
307-311 (2002) 100
307-311 (2002) 1643
307-311 (2002) 212
307-311 (2002) 895
307-311 (2002) 322
307-311 (2002) 89
307-311 (2002) 95
307-311 (2002) 154
307-311 (2002) 1436
307-311 (2002) 1590
307-311 (2002) 615

- Grossbeck, M.L., see Nagasaka, T.
 Günther, E., see Piazza, G.
 Gureev, V.M., see Romanov, P.V.
- Haasz, A.A., see Poon, M.
 Hagiwara, M., see Baba, M.
 Hamada, K., see Bittner-Rohrrofer, K.
 Hamilton, M.L. and D.S. Gelles, Tensile response of low activation ferritic steels irradiated in ORR at temperatures in the range 60–400 °C
 Hamilton, M.L., see Gelles, D.S.
 Hamilton, M.L., see Yu, J.
 Harada, T., see Sakasegawa, H.
 Hasegawa, A., S. Nogami, T. Aizawa, K. Katou and K. Abe, Mechanical property change and swelling behavior of SiC fiber after light-ion irradiation
 Hasegawa, A., see Chuto, T.
 Hasegawa, A., see Fujiwara, M.
 Hasegawa, A., see Hinoki, T.
 Hasegawa, A., see Jones, R.H.
 Hasegawa, A., see Kawano, S.
 Hasegawa, A., see Kimura, A.
 Hasegawa, A., see Nogami, S.
 Hasegawa, A., see Nogami, S.
 Hasegawa, A., see Snead, L.L.
 Hasegawa, A., see Taguchi, T.
 Hasegawa, A., see Toloczko, M.B.
 Hasegawa, M., see Ishijima, Y.
 Hasegawa, M., see Nogiwa, K.
 Hashimoto, N., R.L. Klueh and K. Shiba, Pros and cons of nickel- and boron-doping to study helium effects in ferritic/martensitic steels
 Hashimoto, N., see Klueh, R.L.
 Hashimoto, N., see Wakai, E.
 Hashimoto, N., see Wakai, E.
 Hashimoto, N., see Zinkle, S.J.
 Hashimoto, T., see Nakata, K.
 Hassanein, A., Hydrogen and helium entrapment in flowing liquid metal plasma-facing surfaces
 Hatakeyama, K., see Ukai, S.
 Hatakeyama, M., H. Watanabe, M. Akiba and N. Yoshida, Low void swelling in dispersion strengthened copper alloys under single-ion irradiation
 Hatano, T., T. Kuroda, V. Barabash and M. Enoda, Development of Be/DSCu HIP bonding and thermo-mechanical evaluation
 Hatano, T., see Uchida, M.
 Hatano, Y., M. Takamori, K. Matsuda, S. Ikeno, K. Fujii and K. Watanabe, Solid state reaction between tungsten and amorphous carbon
 Hatano, Y., see Hayakawa, R.
- 307–311 (2002) 1595
 307–311 (2002) 811
 307–311 (2002) 1294
 307–311 (2002) 723
 307–311 (2002) 1715
 307–311 (2002) 1310
 307–311 (2002) 256
 307–311 (2002) 212
 307–311 (2002) 357
 307–311 (2002) 490
 307–311 (2002) 1152
 307–311 (2002) 555
 307–311 (2002) 601
 307–311 (2002) 1157
 307–311 (2002) 1057
 307–311 (2002) 327
 307–311 (2002) 521
 307–311 (2002) 1163
 307–311 (2002) 1178
 307–311 (2002) 1141
 307–311 (2002) 1135
 307–311 (2002) 1619
 307–311 (2002) 1369
 307–311 (2002) 946
 307–311 (2002) 222
 307–311 (2002) 773
 307–311 (2002) 203
 307–311 (2002) 352
 307–311 (2002) 192
 307–311 (2002) 1578
 307–311 (2002) 1517
 307–311 (2002) 758
 307–311 (2002) 444
 307–311 (2002) 1537
 307–311 (2002) 1533
 307–311 (2002) 1339
 307–311 (2002) 580
- Hayakawa, R., Y. Hatano, K. Fujii, K.-i. Fukumoto, H. Matsui and K. Watanabe, Surface segregation and oxidation of Ti in a V-Ti alloy
 Hayashi, T., K. Fukumoto and H. Matsui, In situ observation of glide motions of SIA-type loops in vanadium and V-5Ti under HVEM irradiation
 Hayashi, T., K. Fukumoto and H. Matsui, Effect of undersized solute atoms on point defect behavior in V-A (A = Fe, Cr and Si) binary alloys studied by using HVEM
 Hayashi, T., K. Fukumoto and H. Matsui, Study of point defect behavior in V-Ti alloys using HVEM
 Hayasi, T., see Morita, K.
 He, M., see Odette, G.R.
 He, M.Y., see Odette, G.R.
 He, M.Y., see Odette, G.R.
 Heatherly, L., see Klueh, R.L.
 Heidinger, R., Mechanical strength of neutron-irradiated window materials
 Heidinger, R., see Vila, R.
 Heinisch, H.L. and B.N. Singh, The effects of one-dimensional migration of self-interstitial clusters on the formation of void lattices
 Heinisch, H.L., L.R. Greenwood, W.J. Weber and R.E. Williford, Displacement damage cross sections for neutron-irradiated silicon carbide
 Heo, N.J., T. Nagasaka, T. Muroga and H. Matsui, Effect of impurity levels on precipitation behavior in the low-activation V-4Cr-4Ti alloys
 Hernández-Mayoral, M., see Fernández, P.
 Hiernaut, J.P., see Rabaglino, E.
 Higuchi, T., K. Shiiyama, Y. Izumi, M.M.R. Howlader, M. Kutsuwada and C. Kinoshita, Effects of specimen thickness and impurity on the conductivity of alumina under electron irradiation
 Hildebrandt, D., see Krieger, K.
 Hinoki, T., L.L. Snead, Y. Katoh, A. Hasegawa, T. Nozawa and A. Kohyama, The effect of high dose/high temperature irradiation on high purity fibers and their silicon carbide composites
 Hinoki, T., see Hironaka, K.
 Hinoki, T., see Nozawa, T.
 Hinoki, T., see Yang, W.
 Hirai, T., V. Philipps, T. Tanabe, M. Wada, A. Huber, S. Brezinsek, J.
- 307–311 (2002) 580
 307–311 (2002) 993
 307–311 (2002) 930
 307–311 (2002) 951
 307–311 (2002) 1461
 307–311 (2002) 1643
 307–311 (2002) 171
 307–311 (2002) 1624
 307–311 (2002) 773
 307–311 (2002) 1254
 307–311 (2002) 1273
 307–311 (2002) 876
 307–311 (2002) 895
 307–311 (2002) 620
 307–311 (2002) 495
 307–311 (2002) 1424
 307–311 (2002) 1250
 307–311 (2002) 139
 307–311 (2002) 1157
 307–311 (2002) 1093
 307–311 (2002) 1173
 307–311 (2002) 1088

- von Seggern, J., Linke, T., Ohgo, K., Ohya, P., Wienhold, A., Pospieszczyk and G. Sergienko, Deuterium release and microstructure of tantalum-tungsten twin limiter exposed in TEXTOR-94
Hirai, T., see Miyamoto, M.
Hirai, T., see Ohgo, T.
Hironaka, K., T. Nozawa, T. Hinoki, N. Igawa, Y. Katoh, L.L. Snead and A. Kohyama, High-temperature tensile strength of near-stoichiometric SiC/SiC composites
Hirose, T., H. Tanigawa, M. Ando, A. Kohyama, Y. Katoh and M. Narui, Radiation effects on low cycle fatigue properties of reduced activation ferritic/martensitic steels
Hirose, T., see Sakasegawa, H.
Hirose, T., see Tanigawa, H.
Hirota, A., see Muto, S.
Hishinuma, A., see Sawai, T.
Hishinuma, A., see Wakai, E.
Hodgson, E.R. and A. Moroño, A model for radiation induced conductivity in neutral beam injector insulator gases
Hodgson, E.R., see Martin, P.
Hodgson, E.R., see Moroño, A.
Hodgson, E.R., see Vila, R.
Hoelzer, D.T. and A.F. Rowcliffe, Investigating solute interactions in V-4Cr-4Ti based on tensile deformation behavior of vanadium
Hoelzer, D.T., see Klueh, R.L.
Hoelzer, D.T., see Zinkle, S.J.
Hofmann, G., see Valenza, D.
Hofmans, H.E., see Rensman, J.
Hojou, K., see Ono, K.
Horiike, H., see Ida, M.
Horiike, H., see Nakamura, H.
Hoshiya, T., see Ishihara, M.
Hoshiya, T., see Ishii, T.
Hoshiya, T., see Yonekawa, M.
Howlader, M.M.R., see Higuchi, T.
Huang, H., see Ying, A.
Huang, J., see Ghoniem, N.M.
Huang, Q., S. Zheng, Y. Chen and J. Li, Activation analysis of structural materials irradiated by fusion and fission neutrons
Huang, Q., see Wu, Y.
Huang, Q., see Yu, J.
Huber, A., see Hirai, T.
Huber, A., see Ohgo, T.
Huber, T., see Durocher, A.
Huber, T., see Schlosser, J.
Hudson, T.S., S.L. Dudarev and A.P. Sutton, Absence of saturation of void growth in rate theory with anisotropic diffusion
307-311 (2002) 79
307-311 (2002) 710
307-311 (2002) 149
307-311 (2002) 1093
307-311 (2002) 304
307-311 (2002) 490
307-311 (2002) 293
307-311 (2002) 1289
307-311 (2002) 389
307-311 (2002) 352
307-311 (2002) 1660
307-311 (2002) 1260
307-311 (2002) 1246
307-311 (2002) 1273
307-311 (2002) 596
307-311 (2002) 773
307-311 (2002) 192
307-311 (2002) 89
307-311 (2002) 250
307-311 (2002) 1507
307-311 (2002) 1686
307-311 (2002) 1675
307-311 (2002) 1168
307-311 (2002) 240
307-311 (2002) 1613
307-311 (2002) 1250
307-311 (2002) 827
307-311 (2002) 843
307-311 (2002) 1031
307-311 (2002) 1026
307-311 (2002) 1670
307-311 (2002) 79
307-311 (2002) 149
307-311 (2002) 1554
307-311 (2002) 686
307-311 (2002) 976
Humer, K., see Bittner-Rohrhofer, K.
Hwang, H.S., see Park, J.Y.
Ichikawa, K., see Akiyoshi, M.
Ida, M., H. Horiike, M. Akiba, K. Ezato, T. Iida, S. Inoue, S. Miyamoto, T. Muroga, H. Nakamura, H. Nakamura, H. Nakamura, A. Suzuki, H. Takeuchi, N. Uda and N. Yamaoka, Water jet flow simulation and lithium free surface flow experiments for the IFMIF target
Ida, M., see Nakamura, H.
Igarashi, S., S. Muto and T. Tanabe, Surface blistering of ion irradiated SiC studied by grazing incidence electron microscopy
Igarashi, T., see Ishijima, Y.
Igawa, N., T. Taguchi, L.L. Snead, Y. Katoh, S. Jitsukawa, A. Kohyama and J.C. McLaughlin, Optimizing the fabrication process for superior mechanical properties in the FCVI SiC matrix/stoichiometric SiC fiber composite system
Igawa, N., see Hironaka, K.
Igawa, N., see Taguchi, T.
Igawa, N., see Yamada, R.
Iguchi, K., see Sugiyama, T.
Ii, T., see Yoshida, T.
Iida, T., see Ida, M.
Ikeno, S., see Hatano, Y.
Ilyin, A.M., I.L. Tazhibaeva and B.A. Borisov, Effect of thermal cycling on impurity grain boundary segregation in maraging steel
Imai, T., see Sugimoto, M.
Imamura, J., see Wakai, E.
Inoue, N., T. Muroga, A. Nishimura, K. Oguri, H. Yabe, S. Uchida and Y. Nishi, In situ phase characterization in tempering and aging of Fe-Cr-W steels
Inoue, S., see Ida, M.
International Team, see Aymar, R.
Ioka, I., see Yonekawa, M.
Ioki, K., see Tsuchiya, K.
Ioltukhovskiy, A.G., M.V. Leonteva-Smirnova, M.I. Solonin, V.M. Chernov, V.N. Golovanov, V.K. Shamardin, T.M. Bulanova, A.V. Povstyanko and A.E. Fedoseev, Heat resistant reduced activation 12% Cr steel of 16Cr12W2VTaB type-advanced structural material for fusion and fast breeder power reactors
Ioltukhovskiy, A.G., see Leonteva-Smirnova, M.V.
Isei, N., see Suzuki, K.
Iseki, T., see Yano, T.
307-311 (2002) 1310
307-311 (2002) 1227
307-311 (2002) 1686
307-311 (2002) 1675
307-311 (2002) 1126
307-311 (2002) 1369
307-311 (2002) 1205
307-311 (2002) 1093
307-311 (2002) 1135
307-311 (2002) 1215
307-311 (2002) 1080
307-311 (2002) 1268
307-311 (2002) 1686
307-311 (2002) 1339
307-311 (2002) 475
307-311 (2002) 1691
307-311 (2002) 367
307-311 (2002) 505
307-311 (2002) 1686
307-311 (2002) 1
307-311 (2002) 1613
307-311 (2002) 817
307-311 (2002) 532
307-311 (2002) 466
307-311 (2002) 1386
307-311 (2002) 1102

- Ishida, R., T. Shibahara and T. Tanabe, Application of electron stimulated desorption for hydrogen removal from graphite
307-311 (2002) 1502
- Ishihara, M., S. Baba, T. Hoshiya and T. Shikama, Irradiation effects on thermal expansion of SiC/SiC composite materials
307-311 (2002) 1168
- Ishii, T., N. Ooka, T. Hoshiya, H. Kobayashi, J. Saito, M. Niimi and H. Tsuji, Development of a non-destructive testing technique using ultrasonic wave for evaluation of irradiation embrittlement in nuclear materials
307-311 (2002) 240
- Ishii, T., see Yonekawa, M.
Ishijima, Y., K. Kakiuchi, T. Furuya, H. Kurishita, M. Hasegawa, T. Igarashi and M. Kawai, Corrosion resistance of refractory metals in high-temperature water
307-311 (2002) 1369
- Ishitsuka, E., see Rödig, M.
Ishitsuka, E., see Uchida, M.
Ishitsuka, E., see Uchida, M.
Ishiyama, S., see Saito, S.
Ishiyama, S., see Saito, S.
Ishizaki, T., Q. Xu, T. Yoshiie, S. Nagata and T. Troev, The effect of hydrogen and helium on microvoid formation in iron and nickel
307-311 (2002) 961
- Ishizaki, T., see Yoshiie, T.
Ivanov, A.A., E.P. Kruglyakov and Yu.A. Tsidulko, A first step in the development of a powerful 14 MeV neutron source
307-311 (2002) 1701
- Ivanov, A.D., A.K. Nikolaev, G.M. Kalinin and M.E. Rodin, Effect of heat treatments on the properties of CuCrZr alloys
307-311 (2002) 673
- Ivanov, L.I., see Fedorov, V.V.
Ivanov, L.I., see Pimenov, V.N.
Iwabuchi, A., see Furuya, K.
Iwahara, H., see Morita, K.
Iwai, T., see Nita, N.
Iwakiri, H., K. Morishita and N. Yoshida, Effects of helium bombardment on the deuterium behavior in tungsten
307-311 (2002) 135
- Iwakiri, H., see Matsuyama, M.
Iwakiri, H., see Sugano, R.
Iwakiri, H., see Sugiyama, T.
Izumi, Y., see Higuchi, T.
- James, M.R., see Oliver, B.M.
Jansen, F., see Leguey, T.
Jenson, D.D., see Anderl, R.A.
Jeymond, M., see Protsenko, P.
Jiguang, S., see Goshchitskii, B.N.
Jitsukawa, S., see Wakai, E.
Jitsukawa, S., M. Tamura, B. van der Schaaf, R.L. Klueh, A. Alamo, C.
307-311 (2002) 729
- Petersen, M. Schirra, P. Spaetig, G.R. Odette, A.A. Tavassoli, K. Shiba, A. Kohyama and A. Kimura, Development of an extensive database of mechanical and physical properties for reduced-activation martensitic steel F82H
307-311 (2002) 179
- Jitsukawa, S., see Ando, M.
Jitsukawa, S., see Igawa, N.
Jitsukawa, S., see Klueh, R.L.
Jitsukawa, S., see Miwa, Y.
Jitsukawa, S., see Mukouda, I.
Jitsukawa, S., see Nakano, J.
Jitsukawa, S., see Nakazawa, T.
Jitsukawa, S., see Sawai, T.
Jitsukawa, S., see Sawai, T.
Jitsukawa, S., see Taguchi, T.
Jitsukawa, S., see Tanifugi, T.
Jitsukawa, S., see Tanigawa, H.
Jitsukawa, S., see Wakai, E.
Jitsukawa, S., see Yamada, R.
Johnson, W.R., see Tsai, H.
Jones, R.H., L. Giancarli, A. Hasegawa, Y. Katoh, A. Kohyama, B. Riccardi, L.L. Snead and W.J. Weber, Promise and challenges of SiC_f/SiC composites for fusion energy applications
307-311 (2002) 1057
- Jones, R.H., see Lewinsohn, C.A.
Jones, R.H., see Youngblood, G.E.
Jones, R.H., see Youngblood, G.E.
Jones, R.H., see Yu, J.
Jung, P., see Lucas, G.E.
Kaji, Y., Y. Miwa, T. Tsukada, M. Kikuchi, S. Kita, M. Yonekawa, J. Nakano, H. Tsuji and H. Nakajima, Evaluation of in-pile and out-of-pile stress relaxation in 316L stainless steel under uniaxial loading
307-311 (2002) 331
- Kakiuchi, K., see Ishijima, Y.
Kakui, H., see Nakamura, H.
Kakuta, T., T. Shikama, T. Nishitani, B. Brichard, A. Krassilnikov, A. Tomashuk, S. Yamamoto and S. Kasai, Round-robin irradiation test of radiation resistant optical fibers for ITER diagnostic application
307-311 (2002) 1277
- Kalashnikov, A.N., I.I. Chernov, B.A. Kalin and S.Yu. Binyukova, Microstructure development and helium behavior in nickel and vanadium base alloys
307-311 (2002) 362
- Kalin, B.A., see Kalashnikov, A.N.
Kalinin, G., see Yamada, H.
Kalinin, G.M., S.A. Fabritzhev, B.N. Singh, S. Tahtinen and S.J. Zinkle, Specification of properties and design allowables for copper alloys used in HHF components of ITER
307-311 (2002) 1584
- Kalinin, G.M., see Ivanov, A.D.
307-311 (2002) 668
- 307-311 (2002) 673

- Kalinin, G.M., see Rodchenkov, B.S.
- Kamada, T., see Sekimura, N.
- Kaneko, J., see Sugie, T.
- Kano, F., see Kawano, S.
- Kapychev, V., V. Tebus and V. Frolov, Influence of neutron irradiation on the strength characteristics of lithium ceramic pellets for fusion reactor blankets
- Kapychev, V., see Tebus, V.
- Kasada, R., see Kimura, A.
- Kasai, S., see Kakuta, T.
- Kasai, S., see Sugie, T.
- Katano, Y., see Nakazawa, T.
- Kato, T., see Tokunaga, K.
- Kato, Y., see Saito, S.
- Katoh, Y., H. Kishimoto and A. Kohyama, The influences of irradiation temperature and helium production on the dimensional stability of silicon carbide
- Katoh, Y., see Ando, M.
- Katoh, Y., see Hinoki, T.
- Katoh, Y., see Hironaka, K.
- Katoh, Y., see Hirose, T.
- Katoh, Y., see Igawa, N.
- Katoh, Y., see Jones, R.H.
- Katoh, Y., see Kishimoto, H.
- Katoh, Y., see Lee, S.P.
- Katoh, Y., see Nozawa, T.
- Katoh, Y., see Ogiwara, H.
- Katoh, Y., see Park, K.H.
- Katoh, Y., see Sakasegawa, H.
- Katoh, Y., see Tanigawa, H.
- Katoh, Y., see Yang, W.
- Katou, K., see Hasegawa, A.
- Kawai, M., see Ishijima, Y.
- Kawamoto, K., see Munakata, K.
- Kawamura, H., M. Uchida and V. Shestakov, Compatibility between Be₁₂Ti and SS316LN
- Kawamura, H., see Khomutov, A.
- Kawamura, H., see Rödig, M.
- Kawamura, H., see Tsuchiya, K.
- Kawamura, H., see Uchida, M.
- Kawamura, H., see Uchida, M.
- Kawamura, H., see Yamada, H.
- Kawano, S., F. Kano, C. Kinoshita, A. Hasegawa and K. Abe, Effect of weld thermal cycle, stress and helium content on helium bubble formation in stainless steels
- Kawashima, H., see Tsuzuki, K.
- Kawata, N., see Baba, M.
- Kazakov, V.A., see Chakin, V.P.
- Ke, Y., see Yu, J.
- Kenik, E.A., see Klueh, R.L.
- Kessinger, G.F., see Anderl, R.A.
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- Khomutov, A., V. Barabash, V. Chakin, V. Chernov, D. Davydov, V.
- 307–311 (2002) 421
307–311 (2002) 308
307–311 (2002) 1264
307–311 (2002) 327
307–311 (2002) 823
307–311 (2002) 966
307–311 (2002) 521
307–311 (2002) 1277
307–311 (2002) 1264
307–311 (2002) 1436
307–311 (2002) 126
307–311 (2002) 1573
307–311 (2002) 1221
307–311 (2002) 260
307–311 (2002) 1157
307–311 (2002) 1093
307–311 (2002) 304
307–311 (2002) 1205
307–311 (2002) 1057
307–311 (2002) 1130
307–311 (2002) 1191
307–311 (2002) 1173
307–311 (2002) 299
307–311 (2002) 1187
307–311 (2002) 490
307–311 (2002) 293
307–311 (2002) 1088
307–311 (2002) 1152
307–311 (2002) 1369
307–311 (2002) 1451
307–311 (2002) 638
307–311 (2002) 630
307–311 (2002) 53
307–311 (2002) 817
307–311 (2002) 653
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307–311 (2002) 1584
307–311 (2002) 327
307–311 (2002) 1386
307–311 (2002) 1715
307–311 (2002) 647
307–311 (2002) 1670
307–311 (2002) 773
307–311 (2002) 739
307–311 (2002) 1294
- Gorokhov, H. Kawamura, B. Kolbasov, I. Kupriyanov, G. Longhurst, F. Scaffidi-Argentina and V. Shestakov, Beryllium for fusion application – recent results
- Khrripunov, B.I., see Evtikhin, V.A.
- Kikuchi, K., see Kudo, Y.
- Kikuchi, K., see Saito, S.
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- Kim, D.H., see Lee, S.P.
- Kim, I.S., see Klueh, R.L.
- Kim, J.I., W.-J. Kim, D.J. Choi and J.Y. Park, Deposition of compositionally graded SiC/C layers on C-C composites by low pressure chemical vapor deposition
- Kim, J.I., see Park, J.Y.
- Kim, W.-J., see Kim, J.I.
- Kim, W.-J., see Park, J.Y.
- Kimura, A., R. Kasada, K. Morishita, R. Sugano, A. Hasegawa, K. Abe, T. Yamamoto, H. Matsui, N. Yoshida, B.D. Wirth and T.D. Rubia, High resistance to helium embrittlement in reduced activation martensitic steels
- Kimura, A., see Jitsukawa, S.
- Kimura, A., see Klueh, R.L.
- Kimura, H., see Tsuzuki, K.
- Kinev, E.A., see Kozlov, A.V.
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- King, J.F., see Tsai, H.
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- Kinoshita, C., see Kawano, S.
- Kinoshita, C., see Ryazanov, A.I.
- Kinoshita, H., see Sakaguchi, N.
- Kiritani, M., see Yoshiie, T.
- Kishimoto, H., Y. Katoh and A. Kohyama, Microstructural stability of SiC and SiC/SiC composites under high temperature irradiation environment
- Kishimoto, H., see Katoh, Y.
- Kishimoto, H., see Park, K.H.
- Kishimoto, H., see Ryazanov, A.I.
- Kishimoto, N., see Plaksin, O.A.
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- Klueh, R.L., D.S. Gelles, S. Jitsukawa, A. Kimura, G.R. Odette, B. van der Schaaf and M. Victoria, Ferritic/martensitic steels – overview of recent results
- 307–311 (2002) 630
307–311 (2002) 1664
307–311 (2002) 471
307–311 (2002) 1609
307–311 (2002) 278
307–311 (2002) 331
307–311 (2002) 1568
307–311 (2002) 817
307–311 (2002) 1191
307–311 (2002) 773
307–311 (2002) 1084
307–311 (2002) 1227
307–311 (2002) 1084
307–311 (2002) 1227
307–311 (2002) 521
307–311 (2002) 179
307–311 (2002) 455
307–311 (2002) 1386
307–311 (2002) 956
307–311 (2002) 1590
307–311 (2002) 605
307–311 (2002) 1250
307–311 (2002) 327
307–311 (2002) 918
307–311 (2002) 1003
307–311 (2002) 924
307–311 (2002) 1130
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307–311 (2002) 1107
307–311 (2002) 1146
307–311 (2002) 331
307–311 (2002) 1568
307–311 (2002) 918
307–311 (2002) 1107
307–311 (2002) 1643
307–311 (2002) 455

- Klueh, R.L., P.J. Maziasz, I.S. Kim, L. Heatherly, D.T. Hoelzer, N. Hashimoto, E.A. Kenik and K. Miyahara, Tensile and creep properties of an oxide dispersion-strengthened ferritic steel 307–311 (2002) 773
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- Koptelov, E.A., S.G. Lebedev, N.M. Sobolevsky, Yu.S. Strebkov and A.V. Subbotin, Radiation damage parameters for modelling of FRM irradiation conditions at the RADEX facility of INR RAS 307–311 (2002) 1042
- Korovin, Yu., see Fischer, U. 307–311 (2002) 1696
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- Kozlov, A.V., I.A. Portnykh, L.A. Skryabin and E.A. Kinev, Temperature effect on characteristics of void population formed in the austenitic steel under neutron irradiation up to high damage dose 307–311 (2002) 956
- Kozlov, A.V., see Rodchenkov, B.S. 307–311 (2002) 421
- Krassilnikov, A., see Kakuta, T. 307–311 (2002) 1277
- Krieger, K., X. Gong, M. Balden, D. Hildebrandt, H. Maier, V. Rohde, J. Roth, W. Schneider and The ASDEX Upgrade Team, Erosion and migration of tungsten employed at the central column heat shield of ASDEX Upgrade 307–311 (2002) 139
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- Kubota, A., M.-J. Caturla, S.A. Payne, T. Diaz de la Rubia and J.F. Latkowski, Modeling defect production in silica glass due to energetic recoils using molecular dynamics simulations 307–311 (2002) 891
- Kudo, Y., K. Kikuchi and M. Saito, Thermal fatigue crack propagation behaviour of F82H ferritic steel 307–311 (2002) 471
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- Kupriyanov, I.B., see Chakin, V.P. 307–311 (2002) 647
- Kuramoto, E., K. Ohsawa and T. Tsutsumi, Study of fundamental features of bias effect in metals under irradiation 307–311 (2002) 982
- Kurishita, H., see Ishijima, Y. 307–311 (2002) 1369
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- Lackner, K., R. Andreani, D. Campbell, M. Gasparotto, D. Maisonnier and M.A. Pick, Long-term fusion strategy in Europe 307–311 (2002) 10
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- Lee, S.P., J.S. Park, Y. Katoh, A. Kohyama, D.H. Kim, J.K. Lee and

- H.K. Yoon, Process, microstructure and flexural properties of reaction sintered Tyranno SA/SiC composites
- Legarda, F., see Esteban, G.A.
- Leguey, T., N. Baluc, F. Jansen and M. Victoria, Characterization of hydrogen barrier coatings for titanium-base alloys
- Leguey, T., N. Baluc, R. Schäublin and M. Victoria, Structure-mechanics relationships in proton irradiated pure titanium
- Leguey, T., see de Castro, V.
- Leguey, T., see Schaeublin, R.
- Leichtle, D., Displacement damage parameters for fusion breeder blanket materials based on BCA computer simulations
- Leichtle, D., see Fischer, U.
- Leonteva-Smirnova, M.V., A.G. Ioltukhovskiy, G.A. Arutiunova, A.V. Tselsichev and V.M. Chernov, Investigation of heat treatment conditions on the structure of 12% chromium reduced activation steels
- Leonteva-Smirnova, M.V., see Ioltukhovskiy, A.G.
- Lesueur, D., see Scholz, R.
- Levchuk, D.V., see Bandourko, V.V.
- Levchuk, S.S., see Bandourko, V.V.
- Lewinsohn, C.A., R.H. Jones, P. Colombo and B. Riccardi, Silicon carbide-based materials for joining silicon carbide composites for fusion energy applications
- Li, J., see Huang, Q.
- Li, J.G., see Qian, J.P.
- Libera, S., see Merola, M.
- Lindau, R., A. Möslang, M. Schirra, P. Schlossmacher and M. Klimenkov, Mechanical and microstructural properties of a hipped RAFM ODS-steel
- Lindig, S., see García-Rosales, C.
- Lindig, S., see Maier, H.
- Linke, J., see Bolt, H.
- Linke, J., see Döring, J.-E.
- Linke, J., see Hirai, T.
- Linke, J., see Maier, H.
- Linke, J., see Rödig, M.
- Lipa, M., see Durocher, A.
- Litunovski, N., see Rödig, M.
- Liu, X., Z.Y. Xu, J.M. Chen, L.W. Yan and Y. Liu, Erosion and redeposition behavior of plasma facing materials due to tokamak plasma disruption
- Liu, Y., see Liu, X.
- Lizunov, Yu., A. Möslang, A. Ryazanova and P. Vladimirov, New eva-
- 307-311 (2002) 1191
307-311 (2002) 1430
307-311 (2002) 1329
307-311 (2002) 696
307-311 (2002) 691
307-311 (2002) 778
307-311 (2002) 793
307-311 (2002) 1696
307-311 (2002) 466
307-311 (2002) 532
307-311 (2002) 1183
307-311 (2002) 154
307-311 (2002) 154
307-311 (2002) 1232
307-311 (2002) 1031
307-311 (2002) 1637
307-311 (2002) 677
307-311 (2002) 769
307-311 (2002) 1282
307-311 (2002) 116
307-311 (2002) 43
307-311 (2002) 121
307-311 (2002) 79
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307-311 (2002) 53
307-311 (2002) 1554
307-311 (2002) 53
307-311 (2002) 84
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- Lucas, G.E., G.R. Odette, M. Sokolov, P. Spätiq, T. Yamamoto and P. Jung, Recent progress in small specimen test technology
- Lucas, G.E., see Alinger, M.J.
- Lucas, G.E., see Odette, G.R.
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- Lulewicz, J.D. and N. Roux, Fabrication of Li₂TiO₃ pebbles by the extrusion-spheronisation-sintering process
- Lulewicz, J.D., see Alvani, C.
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- Macaulay-Newcombe, R.G., see Poon, M.
- Maekawa, F., see Morimoto, Y.
- Magielsen, A.J., K. Bakker, C. Chabrol, R. Conrad, J.G. van der Laan, E. Rigal and M.P. Stijkel, In-pile performance of a double-walled tube and a tritium permeation barrier
- Maier, H., J. Luthin, M. Balden, S. Lindig, J. Linke, V. Rohde, H. Bolt and ASDEX Upgrade Team, Development of tungsten coated first wall and high heat flux components for application in ASDEX Upgrade
- Maier, H., see Krieger, K.
- Maisonnier, D., see Lackner, K.
- Makhraj, V.A., see Bandura, A.N.
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- Marian, J., B.D. Wirth, R. Schäublin, J.M. Perlado and T. Díaz de la Rubia, $\langle 100 \rangle$ -Loop characterization in α -Fe: comparison between experiments and modeling
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- Martin, P., A. Moroño and E.R. Hodgson, Surface degradation effects on laser damage in KU1
- 307-311 (2002) 1680
307-311 (2002) 43
307-311 (2002) 907
307-311 (2002) 1675
307-311 (2002) 630
307-311 (2002) 1600
307-311 (2002) 484
307-311 (2002) 1643
307-311 (2002) 536
307-311 (2002) 803
307-311 (2002) 837
307-311 (2002) 811
307-311 (2002) 116
307-311 (2002) 1484
307-311 (2002) 715
307-311 (2002) 591
307-311 (2002) 1664
307-311 (2002) 723
307-311 (2002) 1052
307-311 (2002) 832
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307-311 (2002) 187
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Matsui, H., see Nogiwa, K.
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Miwa, Y., T. Tsukada, H. Tsuji and S. Jitsukawa, Irradiation-assisted SCC susceptibility of HIPed 316LN-IG stainless steel irradiated at 473 K to 1 dpa
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- 307–311 (2002) 1260
307–311 (2002) 1289
307–311 (2002) 1441
307–311 (2002) 95
307–311 (2002) 1334
307–311 (2002) 1339
307–311 (2002) 610
307–311 (2002) 580
307–311 (2002) 930
307–311 (2002) 951
307–311 (2002) 993
307–311 (2002) 620
307–311 (2002) 521
307–311 (2002) 547
307–311 (2002) 1675
307–311 (2002) 398
307–311 (2002) 946
307–311 (2002) 1488
- 307–311 (2002) 729
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307–311 (2002) 773
307–311 (2002) 1300
307–311 (2002) 1524
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- 307–311 (2002) 677
- 307–311 (2002) 1524
307–311 (2002) 53
307–311 (2002) 95
307–311 (2002) 95
307–311 (2002) 1664
307–311 (2002) 1364
307–311 (2002) 971
307–311 (2002) 1715
- 307–311 (2002) 347
307–311 (2002) 331
307–311 (2002) 1568
307–311 (2002) 203
307–311 (2002) 1613
307–311 (2002) 1441
307–311 (2002) 1386
307–311 (2002) 773
307–311 (2002) 788
- Miyamoto, M., T. Hirai, K. Tokunaga, T. Fujiwara and N. Yoshida, Effect of substrate temperature on microstructure and deuterium retention of molybdenum co-deposition with oxygen
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Mori, H., see Arakawa, K.
Mori, H., see Xu, Q.
Morimoto, Y., K. Ochiai, F. Maekawa, M. Wada, T. Nishitani and H. Takeuchi, Decay heat measurement of fusion related materials in an ITER-like neutron field
Morimoto, Y., see Munakata, K.
Morimoto, Y., see Sugiyama, T.
Morishima, Y., see Yamada, H.
Morishita, K., see Iwakiri, H.
Morishita, K., see Kimura, A.
Morishita, K., see Sugano, R.
Morita, K., H. Suzuki, K. Soda, H. Iwahara, H. Nakamura, T. Hayasi and M. Nishi, Exchange of tritium implanted into oxide ceramics for protium by exposure to air vapors at room temperature
Moriyama, H., see Munakata, K.
Moroño, A. and E.R. Hodgson, Oxygen interstitial trapping in electron irradiated sapphire
Moroño, A., see Hodgson, E.R.
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Moroño, A., see Vila, R.
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Mukouda, I., Y. Shimomura, D. Yamamoto, T. Nakazawa, T. Aruga and S. Jitsukawa, Microstructure in vanadium irradiated by simultaneous multi-ion beam of hydrogen, helium and nickel ions
Mukouda, I., see Sugio, K.
Munakata, K., Y. Yokoyama, A. Koga, N. Nakashima, S. Beloglazov, T. Takeishi, M. Nishikawa, R.-D. Penzhorn, K. Kawamoto, H. Moriyama, Y. Morimoto and K. Okuno, Effect of catalytic metals on tritium release from ceramic breeder materials
- 307–311 (2002) 710
307–311 (2002) 1080
307–311 (2002) 1686
307–311 (2002) 1441
307–311 (2002) 758
307–311 (2002) 416
307–311 (2002) 1273
307–311 (2002) 1696
307–311 (2002) 691
307–311 (2002) 1563
307–311 (2002) 677
307–311 (2002) 272
307–311 (2002) 886
- 307–311 (2002) 1052
307–311 (2002) 1451
307–311 (2002) 1080
307–311 (2002) 1584
307–311 (2002) 135
307–311 (2002) 521
307–311 (2002) 941
- 307–311 (2002) 1461
307–311 (2002) 1451
- 307–311 (2002) 1246
307–311 (2002) 1660
307–311 (2002) 1260
307–311 (2002) 1273
307–311 (2002) 769
307–311 (2002) 1680
307–311 (2002) 1355
307–311 (2002) 1183
- 307–311 (2002) 412
307–311 (2002) 450
- 307–311 (2002) 1451
- 307–311 (2002) 1451

- Muñoz, A., see de Castro, V.
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- Murase, Y., J. Nagakawa and N. Yamamoto, Comparison of in-beam fatigue behavior between austenitic and ferritic steels at 60 °C
- Murase, Y., see Yamamoto, N.
- Muroga, T., T. Nagasaka, K. Abe, V.M. Chernov, H. Matsui, D.L. Smith, Z.-Y. Xu and S.J. Zinkle, Vanadium alloys – overview and recent results
- Muroga, T., see Chuto, T.
- Muroga, T., see Heo, N.J.
- Muroga, T., see Ida, M.
- Muroga, T., see Inoue, N.
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- Muroga, T., see Watanabe, H.
- Muroga, T., see Watanabe, H.
- Muroga, T., see Wu, Y.
- Muroga, T., see Zinkle, S.J.
- Muto, S., T. Tanabe, A. Hirota, M. Rubel, V. Philipps and T. Maruyama, TEM and EELS characterization of carbon dust and co-deposited layers from the TEXTOR tokamak
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- Mutoh, I., see Fujitsuka, M.
- Nagai, Y., see Nogiwa, K.
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- Nagakawa, J., see Yamamoto, N.
- Nagao, Y., see Tsuchiya, K.
- Nagasaka, T., T. Muroga, M.L. Grossbeck and T. Yamamoto, Effects of post-weld heat treatment conditions on hardness, microstructures and impact properties of vanadium alloys
- Nagasaka, T., see Chuto, T.
- Nagasaka, T., see Grossbeck, M.L.
- Nagasaka, T., see Heo, N.J.
- Nagasaka, T., see Muroga, T.
- Nagasaka, T., see Nishimura, A.
- Nagasaka, T., see Wu, Y.
- Nagata, S., B. Tsuchiya, T. Sugawara, N. Ohtsu and T. Shikama, Helium and hydrogen trapping in W and Mo single-crystals irradiated by He ions
- Nagata, S., see Ishizaki, T.
- Naito, A., see Sawai, T.
- Naito, A., see Wakai, E.
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- 307–311 (2002) 691
- 307–311 (2002) 729
- 307–311 (2002) 527
- 307–311 (2002) 217
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- 307–311 (2002) 571
- 307–311 (2002) 1380
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- 307–311 (2002) 946
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- 307–311 (2002) 1590
- 307–311 (2002) 620
- 307–311 (2002) 547
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- 307–311 (2002) 1026
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- 307–311 (2002) 312
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- 307–311 (2002) 1573
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- Nakamura, H., see Ida, M.
- Nakamura, H., see Morita, K.
- Nakamura, H., see Nakamura, H.
- Nakamura, H., see Nakamura, H.
- Nakamura, H., see Nakamura, H.
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- Nakamura, K., see Furuya, K.
- Nakano, J., Y. Miwa, T. Tsukada, M. Kikuchi, S. Kita, Y. Nemoto, H. Tsuji and S. Jitsukawa, Characterization of 316L(N)-IG SS joint produced by hot isostatic pressing technique
- Nakano, J., see Kaji, Y.
- Nakao, N., see Fukumoto, K.
- Nakashima, N., see Munakata, K.
- Nakata, K., M. Oishi, M. Koshiishi, T. Hashimoto, H. Anzai, Y. Saito and W. Kono, Re-weldability of neutron-irradiated stainless steels studied by multi-pass TIG welding
- Nakayama, K., see Sugimoto, M.
- Nakazawa, T., K. Yokoyama, V. Grismanovs, Y. Katano and S. Jitsukawa, Ab initio study on isotope exchange reactions of H₂ with surface hydroxyl groups in lithium silicates
- Nakazawa, T., see Mukouda, I.
- Nannetti, C.A., B. Riccardi, A. Ortona, A. La Barbera, E. Scafè and G. Vekinis, Development of 2D and 3D Hi-Nicalon fibres/SiC matrix composites manufactured by a combined CVI-PIP route
- Nannetti, C.A., see Riccardi, B.
- Nanobashvili, S., J. Matějček, F. Žáček, J. Stöckel, P. Chráska and V. Brožek, Plasma sprayed coatings for RF wave absorption
- Naramoto, H., see Wakai, E.
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- Natesan, K. and W.E. Ruther, Fabrication and properties of a tin-lithium alloy
- Natesan, K., M. Uz and D.L. Smith, Development of CaO coatings by thermal and chemical vapor deposition
- 307–311 (2002) 817
- 307–311 (2002) 1675
- 307–311 (2002) 1686
- 307–311 (2002) 1461
- 307–311 (2002) 1675
- 307–311 (2002) 1680
- 307–311 (2002) 1686
- 307–311 (2002) 260
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- 307–311 (2002) 1237
- 307–311 (2002) 1334
- 307–311 (2002) 278
- 307–311 (2002) 426
- 307–311 (2002) 304
- 307–311 (2002) 743
- 307–311 (2002) 1323

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- Neustroev, V.S. and V.K. Shamardin, Effect of chemical composition on irradiation creep of stainless steels irradiated in the BOR-60 reactor at 420 °C 307–311 (2002) 343
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Oliver, B.M., M.R. James, F.A. Garner and S.A. Maloy, Helium and hydrogen generation in pure metals irradiated with high-energy protons and spallation neutrons in LANSCE
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Osetsky, Yu.N., D.J. Bacon and B.N. Singh, Statistical analysis of cluster production efficiency in MD simulations of cascades in copper
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Park, J.Y., H.S. Hwang, W.-J. Kim, J.I. Kim, J.H. Son, B.J. Oh and D.J. Choi, Fabrication and characterization of SiC_f/SiC composite by CVI using the whiskering process
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Paul, A., L.C. Alves, J.A. Odriozola and J.C. Soares, Solubility of uranium at very low concentration in RAFM steel
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Pechenkin, V.A., I.A. Stepanov and Yu.V. Konobeev, Analytical model of radiation-induced precipitation at the surface of dilute binary alloy
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Perlado, J.M., D. Lodi, E. Domínguez, J. Prieto, M.J. Caturla and T. Díaz de la Rubia, Multiscale modeling study of pulsed damage accumulation in α-Fe under inertial fusion conditions
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Petersen, C., V. Shamardin, A. Fedoseev, G. Shimansky, V. Efimov and J. Rensman, The ARBOR irradiation project
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- 307-311 (2002) 149
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307-311 (2002) 450
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307-311 (2002) 625
307-311 (2002) 278
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307-311 (2002) 79
307-311 (2002) 1578
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307-311 (2002) 1691
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307-311 (2002) 1430
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307-311 (2002) 500
307-311 (2002) 1655
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307-311 (2002) 179
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 Raffray, A.R., M. Akiba, V. Chuyanov, L. Giancarli and S. Malang, Breeding blanket concepts for fusion and materials requirements 307–311 (2002) 21
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 Rensman, J., J. van Hoepen, J.B.M. Bakker, R. den Boef, F.P. van den Broek and E.D.L. van Essen, Tensile properties and transition behaviour of RAFM steel plate and welds irradiated up to 10 dpa at 300 °C 307–311 (2002) 245
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- Rocco, P., see Ciampichetti, A.
- Rodchenkov, B.S., A.V. Kozlov, Yu.G. Kuznetsov, G.M. Kalinin and Yu.S. Strebkov, Irradiation behaviour of titanium alloys for ITER blanket modules flexible attachment 307–311 (2002) 1047
- Rödig, M., E. Ishitsuka, A. Gervash, H. Kawamura, J. Linke, N. Litunovski and M. Merola, High heat flux performance of neutron irradiated plasma facing components 307–311 (2002) 421
- Rodin, M.E., see Ivanov, A.D.
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- Romanov, P.V., B.N. Kolbasov, V.Kh. Alimov, V.M. Gureev, A.G. Domantovskij, L.N. Khimchenko and P.N. Orlov, Microstructure and deuterium content of tokamak T-10 carbon erosion products 307–311 (2002) 53
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- Roux, N., see Lulewicz, J.D.
- Roux, N., see Piazza, G.
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- Ruan, Y., P. Spätiq and M. Victoria, Assessment of mechanical properties of the martensitic steel EUROFER97 by means of punch tests 307–311 (2002) 1294
- Rubel, M., V. Philipps, A. Pospieszczyk, T. Tanabe and S. Köller, Overview of fuel retention in composite and tungsten limiters 307–311 (2002) 236
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- Sagara, A., see Wu, Y.
- Sagaradze, V.V., V.M. Koloskov, B.N. Goshchitskii and V.A. Shabashov, Dissolution kinetics of intermetallics in aging austenitic steels during neutron irradiation 307–311 (2002) 1237
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- Saito, S., K. Fukaya, S. Ishiyama, H. Amezawa, M. Yonekawa, F. Takada, Y. Kato, T. Takeda, H. Takahashi and M. Nakahira, Neutron irradiation effect on the mechanical properties of type 316L SS welded joints 307–311 (2002) 783
- Saito, S., K. Kikuchi, Y. Onishi and T. Nishino, Development of piezoelectric ceramics driven fatigue testing machine for small specimens 307–311 (2002) 1691
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- Scaffidi-Argentina, F., S. Ciattaglia, P. Coad, R.-D. Penzhorn, V. Philips and Contributors to the EFDA-JET Fusion Technology Task Force and Task Force E, First wall material issues and related activities at JET 307–311 (2002) 312
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- Schäfer, L., see Norajitra, P.
- Schaeublin, R., D. Gelles and M. Victoria, Microstructure of irradiated ferritic/martensitic steels in relation to mechanical properties 307–311 (2002) 1411
- Schaeublin, R., M.-J. Caturla, M. Wall, T. Felter, M. Fluss, B.D. Wirth, T. Diaz de la Rubia and M. Victoria, Correlating TEM images of damage in irradiated materials to molecular dynamics simulations 307–311 (2002) 643
- Schaeublin, R., T. Leguey, P. Späthig, N. Baluc and M. Victoria, Microstructure and mechanical properties of two ODS ferritic/martensitic steels 307–311 (2002) 197
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- Schirra, M., see Lindau, R.
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1007
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- Seidel, K., R.A. Forrest, H. Freiesleben, V.D. Kovalchuk, D.V. Markovskij, D.V. Maximov and S. Unholzer, Experimental investigation of radioactivity induced in the fusion power plant structural material in Eurofer and in other steels by D-T neutrons 307–311 (2002) 278
- Sekimura, N., T. Kamada, Y. Wakasugi, T. Okita and Y. Arai, Evaluation of radiation hardening in Fe alloys under heavy ion irradiation by micro-indentation technique 307–311 (2002) 1424
- Sekimura, N., T. Kamada, Y. Wakasugi, T. Okita and Y. Arai, Evaluation of radiation hardening in Fe alloys under heavy ion irradiation by micro-indentation technique 307–311 (2002) 1558
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- Sekimura, N., see Sato, T.
- Sencer, B.H., F.A. Garner, D.S. Gelles, G.M. Bond and S.A. Maloy, Microstructural evolution in modified 9Cr-1Mo ferritic/martensitic steel irradiated with mixed high-energy proton and neutron spectra at low temperatures 307–311 (2002) 308
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- Schirra, M., see Lindau, R.
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- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 79
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- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1112
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 126
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1554
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1696
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1710
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 139
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- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 769
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 95
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1098
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1141
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 250
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 149
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- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 266
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1112
- Schlosser, J., A. Durocher, T. Huber, P. Chappuis, P. Garin, W. Knabl and B. Schedler, Material properties and consequences on the quality of tore supra plasma facing components 307–311 (2002) 1120
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- Shestakov, V., A. Pisarev, V. Sobolev, S. Kulsartov and I. Tazhibaeva, Gas driven deuterium permeation through F82H martensitic steel 307–311 (2002) 1494
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- Shikama, T. and S.J. Zinkle, Electrical in situ and post-irradiation properties of ceramics relevant to fusion irradiation conditions 307–311 (2002) 1073
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- Shimura, K., K. Yamaguchi, T. Terai and M. Yamawaki, Cellular automaton model for hydrogen transport dynamics through metallic surface 307–311 (2002) 1478
- Shutko, K.I. and V.N. Belous, Comparative study: sensitization development in hot-isostatic-pressed cast and wrought structures type 316L(N)-IG stainless steel under isothermal heat treatment 307–311 (2002) 1016
- Simakov, S.P., U. Fischer, U. von Möllendorff, I. Schmuck, A.Yu. Konobeev, Yu.A. Korovin and P. Pereslavtsev, Advanced Monte Carlo procedure for the IFMIF d-Li neutron source term based on evaluated cross section data 307–311 (2002) 1710
- Simakov, S.P., see Fischer, U. 307–311 (2002) 1696
- Singh, B.N., N.M. Ghoniem and H. Trinkaus, Experiment-based modelling of hardening and localized plasticity in metals irradiated under cascade damage conditions 307–311 (2002) 159
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- Smith, D.L., J. Konys, T. Muroga and V. Evitkhin, Development of coatings for fusion power applications 307–311 (2002) 1314
- Smith, D.L., J.-H. Park and K. Natesan, In situ formation of CaO insulator coatings on vanadium alloys 307–311 (2002) 1405
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- Snead, L.L., M. Balden, R.A. Causey and H. Atsumi, High thermal conductivity of graphite fiber silicon carbide composites for fusion reactor application 307–311 (2002) 1200
- Snead, L.L., R. Scholz, A. Hasegawa and A. Frias Rebelo, Experimental simulation of the effect of transmuted helium on the mechanical properties of silicon carbide 307–311 (2002) 1141
- Snead, L.L., R.E. Stoller, M.A. Sokolov and S. Maloy, Experimental determination of the effect of helium on the fracture toughness of steel 307–311 (2002) 187
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- Song, M., K. Mitsuishi, M. Takeguchi, K. Furuya, T. Tanabe and T. Noda, Phase transformation in the γ -TiAl alloy induced by Ar ions 307-311 (2002) 1042
- Soppet, W.K., see Natesan, K.
- Spätić, P., G.R. Odette, G.E. Lucas and M. Victoria, On the mechanical properties of the advanced martensitic steel EUROFER 97 307-311 (2002) 971
- Spätić, P., see Lucas, G.E.
- Spätić, P., see Odette, G.R.
- Spätić, P., see Ruan, Y.
- Spätić, P., see Schaeublin, R.
- Spätić, P., see Jitsukawa, S.
- Stepanov, I.A., see Pechenkin, V.A.
- Stepanov, V.A., see Plaksin, O.A.
- Stepanov, V.A., see Plaksin, O.A.
- Stijkel, M.P., see Magielsen, A.J.
- Stöckel, J., see Nanobashvili, S.
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- Stoller, R.E., The effect of free surfaces on cascade damage production in iron 307-311 (2002) 536
- Stoller, R.E., see Snead, L.L.
- Storai, S., see Merola, M.
- Strebkov, Yu.S., see Koptelov, E.A.
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- Subbotin, A.V., see Koptelov, E.A.
- Suda, M., see Watanabe, H.
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- Sugano, R., K. Morishita, H. Iwakiri and N. Yoshida, Effects of dislocation on thermal helium desorption from iron and ferritic steel 307-311 (2002) 187
- Sugano, R., see Kimura, A.
- Sugawara, T., see Nagata, S.
- Sugie, T., T. Nishitani, S. Kasai, J. Kaneko and S. Yamamoto, In situ transmissivity measurements of KU1 quartz in the UV range under 14 MeV neutron irradiation 307-311 (2002) 677
- Sugimoto, M., T. Imai, Y. Okumura, K. Nakayama, S. Suzuki and M. Saigusa, Issues to be verified by IFMIF prototype accelerator for engineering validation 307-311 (2002) 1042
- Sugimoto, M., see Baba, M.
- Sugimoto, M., see Bittner-Rohrholfer, K.
- Sugio, K., H. Ohkubo, I. Mukouda, Y. Shimomura, C. Kutsukake and H. Takeuchi, Microstructure evolution in D-T neutron irradiated silver 307-311 (2002) 1600
- Sugiyama, T., Y. Morimoto, K. Iguchi, K. Okuno, M. Miyamoto, H. Iwakiri and N. Yoshida, Effects of helium irradiation on chemical behavior of energetic deuterium in SiC 307-311 (2002) 126
- Sutton, A.P., see Hudson, T.S.
- Suzuki, A., see Ida, M.
- Suzuki, A., see Sakurai, T.
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- Suzuki, H., see Noda, T.
- Suzuki, R., see Nomura, Y.
- Suzuki, S., see Sugimoto, M.
- Syslov, D.N., V.P. Chakin and R.N. Latypov, Influence of high dose neutron irradiation on thermal conductivity of beryllium 307-311 (2002) 532
- Tähtinen, S., A. Laukkanen, B.N. Singh and P. Toft, Properties of copper-stainless steel HIP joints before and after neutron irradiation 307-311 (2002) 998
- Tähtinen, S., P. Moilanen, B.N. Singh and D.J. Edwards, Tensile and fracture toughness properties of unirradiated and neutron irradiated titanium alloys 307-311 (2002) 1146
- Taguchi, T., E. Wakai, N. Igawa, S. Nogami, L.L. Snead, A. Hasegawa and S. Jitsukawa, Effect of simultaneous ion irradiation on microstructural change of SiC/SiC composites at high temperature 307-311 (2002) 1242
- Taguchi, T., see Igawa, N.
- Taguchi, T., see Yamada, R.
- Tahtinen, S., see Kalinin, G.M.
- Takada, F., see Saito, S.
- Takada, F., see Yonekawa, M.
- Takahashi, H., see Saito, S.
- Takahashi, H., see Sakaguchi, N.
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- Takamori, M., see Hatano, Y.
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- Takeuchi, M., see Song, M.
- Takeishi, T., see Munakata, K.
- Takenaka, T., see Wakai, E.
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- Takeuchi, H., see Furuya, K.
- Takeuchi, H., see Ida, M.
- Takeuchi, H., see Morimoto, Y.
- Takeuchi, H., see Nakamura, H.
- Takeuchi, H., see Sugio, K.
- Tamura, M., see Jitsukawa, S.
- Tamura, S., K. Tokunaga and N. Yoshida, High heat load properties of high purity CVD tungsten 307-311 (2002) 106
- Tanabe, T., K. Miyasaka, K. Masaki, K. Kodama and N. Miya, Imaging 307-311 (2002) 1715
- 307-311 (2002) 130
- 307-311 (2002) 1691
- 307-311 (2002) 1715
- 307-311 (2002) 1227
- 307-311 (2002) 1042
- 307-311 (2002) 1461
- 307-311 (2002) 126
- 307-311 (2002) 1600
- 307-311 (2002) 187
- 307-311 (2002) 532
- 307-311 (2002) 106
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- 307-311 (2002) 976
- 307-311 (2002) 1686
- 307-311 (2002) 1380
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- 307-311 (2002) 681
- 307-311 (2002) 1691
- 307-311 (2002) 664
- 307-311 (2002) 95
- 307-311 (2002) 1547
- 307-311 (2002) 416
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- 307-311 (2002) 1205
- 307-311 (2002) 1215
- 307-311 (2002) 668
- 307-311 (2002) 1573
- 307-311 (2002) 1613
- 307-311 (2002) 1573
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- 307-311 (2002) 1339
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- 307-311 (2002) 260
- 307-311 (2002) 289
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- 307-311 (2002) 1052
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- Tanabe, T., see Song, M.
- Tanabe, T., see Wakai, E.
- Tanabe, T., see Yoshida, T.
- Tanaka, S., see Nakamura, H.
- Tanaka, S., see Nishimura, H.
- Tanaka, S., see Sakurai, T.
- Tanaka, S., see Tanigawa, H.
- Tanifugi, T., D. Yamaki and S. Jitsukawa, Tritium release from neutron-irradiated Li_2O sintered pellets: fluence dependence
- Tanigawa, H. and S. Tanaka, Ab-initio study on interaction of hydrogen isotopes with charged defects in lithium oxide
- Tanigawa, H., T. Hirose, M. Ando, S. Jitsukawa, Y. Katoh and A. Kohyama, Microstructural analysis of mechanically tested reduced-activation ferritic/martensitic steels
- Tanigawa, H., see Ando, M.
- Tanigawa, H., see Hirose, T.
- Tanigawa, H., see Ogiwara, H.
- Taniguchi, M., K. Sato, K. Ezato, K. Yokoyama and M. Akiba, Disruption tests on repaired tungsten by CVD coating
- Taniguchi, M., see Ezato, K.
- Tata, M.E., see Filacchioni, G.
- Tavassoli, A.A., see Jitsukawa, S.
- Tazhibaeva, I., see Shestakov, V.
- Tazhibaeva, I.L., see Ilyin, A.M.
- Tebus, V., L. Rivkis, E. Dmitrievskaya, G. Arutunova, I. Golikov, N. Ryazantseva, V. Filin, V. Kapychev and V. Bulkin, Evolution of a defect structure of Pd–Ag alloys during tritium exposure
- Tebus, V., see Kapychev, V.
- Terai, T., see Nishimura, H.
- Terai, T., see Shimura, K.
- Tereshin, V.I., see Bandura, A.N.
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- Terlain, A., see Protsenko, P.
- Tian, Y., see Goshchitskii, B.N.
- Toft, P., see Edwards, D.J.
- Toft, P., see Tähtinen, S.
- Tokunaga, K., R.P. Doerner, R. Seraydarian, N. Noda, N. Yoshida, T. Sogabe, T. Kato and B. Schedler, Modification of tungsten coated
- 307–311 (2002) 1441
307–311 (2002) 426
307–311 (2002) 79
307–311 (2002) 1126
307–311 (2002) 1502
307–311 (2002) 1289
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307–311 (2002) 1446
- 307–311 (2002) 1456
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- 307–311 (2002) 719
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307–311 (2002) 1478
307–311 (2002) 106
307–311 (2002) 1351
307–311 (2002) 1396
307–311 (2002) 783
307–311 (2002) 439
307–311 (2002) 1547
- carbon by low energy and high flux deuterium irradiation
- Tokunaga, K., O. Yoshikawa, K. Makise and N. Yoshida, Effects of helium irradiation on high heat load properties of tungsten
- Tokunaga, K., see Miyamoto, M.
- Tokunaga, K., see Tamura, S.
- Toloczko, M.B., R.J. Kurtz, A. Hasegawa and K. Abe, Shear punch tests performed using a new low compliance test fixture
- Toloczko, M.B., see Nogami, S.
- Toloczko, M.B., see Yu, J.
- Tomashev, A., see Kakuta, T.
- Tomita, T., see Sawai, T.
- Tong, S.H., see Ghoniem, N.M.
- Toporkov, D., see Arkhipov, N.
- Torres, P., K. Aoyagi, T. Suda, S. Watanabe and S. Ohnuki, Hydride formation and fracture of vanadium alloys
- Trester, P.W., see Tsai, H.
- Trifonov, N.N., see Bandourko, V.V.
- Trinkaus, H. and B.N. Singh, Modeling of void nucleation under cascade damage conditions
- Trinkaus, H. and H. Ullmaier, Conditions for effects of radiation pulsing
- Trinkaus, H., see Singh, B.N.
- Troev, T., see Ishizaki, T.
- Tsai, H., W.R. Johnson, Y. Yan, P.W. Trester, A. Bozek, J.F. King and D.L. Smith, Performance of V–4Cr–4Ti material exposed to the DIII-D tokamak environment
- Tsaran, T.V., see Yeliseyeva, O.I.
- Tselischev, A.V., see Leonteva-Smirnova, M.V.
- Tsidulko, Yu.A., see Ivanov, A.A.
- Tsige-Tamirat, H., see Fischer, U.
- Tsuchiya, B., see Fujitsuka, M.
- Tsuchiya, B., see Nagata, S.
- Tsuchiya, K., M. Nakamichi, A. Kikkawa, Y. Nagao, M. Enoda, T. Osaki, K. Ioki and H. Kawamura, In-pile test of Li_2TiO_3 pebble bed with neutron pulse operation
- Tsuchiya, K., see Yamada, H.
- Tsuji, H., see Ishii, T.
- Tsuji, H., see Kaji, Y.
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- Tsuji, H., see Nakano, J.
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- Tsukada, T., see Kaji, Y.
- Tsukada, T., see Miwa, Y.
- Tsukada, T., see Nakano, J.
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- Tsuzuki, K., M. Sato, H. Kawashima, N. Isei, H. Kimura, H. Ogawa, K. Miyachi, M. Yamamoto and
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- 307–311 (2002) 130
- 307–311 (2002) 710
- 307–311 (2002) 735
- 307–311 (2002) 1619
- 307–311 (2002) 1178
- 307–311 (2002) 357
- 307–311 (2002) 1277
- 307–311 (2002) 312
- 307–311 (2002) 843
- 307–311 (2002) 1364
- 307–311 (2002) 625
- 307–311 (2002) 605
- 307–311 (2002) 154
- 307–311 (2002) 900
- 307–311 (2002) 1705
- 307–311 (2002) 159
- 307–311 (2002) 961
- 307–311 (2002) 605
- 307–311 (2002) 1400
- 307–311 (2002) 466
- 307–311 (2002) 1701
- 307–311 (2002) 798
- 307–311 (2002) 426
- 307–311 (2002) 1513
- 307–311 (2002) 817
- 307–311 (2002) 1584
- 307–311 (2002) 240
- 307–311 (2002) 331
- 307–311 (2002) 347
- 307–311 (2002) 1568
- 307–311 (2002) 1613
- 307–311 (2002) 331
- 307–311 (2002) 347
- 307–311 (2002) 1568
- 307–311 (2002) 982

- T. Shibata, Recent activities on the compatibility of the ferritic steel wall with the plasma in the JFT-2M tokamak
307-311 (2002) 1386
- Uchida, M., E. Ishitsuka and H. Kawamura, Tritium release properties of neutron-irradiated Be₁₂Ti
307-311 (2002) 653
- Uchida, M., E. Ishitsuka, T. Hatano, V. Barabash and H. Kawamura, Heat load test of Be/Cu joint for ITER first wall mock-ups
307-311 (2002) 1533
- Uchida, M., see Kawamura, H.
- Uchida, S., see Inoue, N.
- Uda, N., see Ida, M.
- Ugaste, Yu.E., see Pimenov, V.N.
- Ukai, S. and M. Fujiwara, Perspective of ODS alloys application in nuclear environments
307-311 (2002) 749
- Ukai, S., K. Hatakeyama, S. Mizuta, M. Fujiwara and T. Okuda, Consolidation process study of 9Cr-ODS martensitic steels
307-311 (2002) 758
- Ukai, S., see Yamashita, S.
- Ullmaier, H., see Trinkaus, H.
- Unholzer, S., see Seidel, K.
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- Vaßen, R., see Döring, J.-E.
- Valenza, D., H. Greuner, G. Hofmann, S. Köllerl, J. Roth and H. Bolt, Characterisation and thermal loading of low-Z coatings for the first wall of W7-X
307-311 (2002) 121
- van den Broek, F.P., see Odette, G.R.
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- van Hoepen, J., see Rensman, J.
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- Venhaus, T.J., see Oliver, B.M.
- Vertkov, A.V., see Evtikhin, V.A.
- Vertkov, A.V., see Evtikhin, V.A.
- Victoria, M., see de Castro, V.
- Victoria, M., see Klueh, R.L.
- Victoria, M., see Leguey, T.
- Victoria, M., see Leguey, T.
- Victoria, M., see Ruan, Y.
- Victoria, M., see Schaeublin, R.
- Victoria, M., see Schaeublin, R.
- Victoria, M., see Schaeublin, R.
- Victoria, M., see Späti, P.
- Victoria, M., see Yao, Z.
- Victoria, M., see Zinkle, S.J.
- Vila, R., J. Mollá, R. Heidinger, A. Moroño and E.R. Hodgson, Electrical and dielectric properties of irradiated KU1 quartz glass from DC to 145 GHz
307-311 (2002) 1273
- Vinogradova, N.A., see Fedorov, V.V.
- Visca, E., see Merola, M.
- Vladimirov, P., see Lizunov, Yu.
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- von Möllendorff, U., see Simakov, S.P.
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- Wada, M., see Hirai, T.
- Wada, M., see Morimoto, Y.
- Wada, M., see Ohgo, T.
- Wadsack, R., R. Pippard and B. Scheider, The effect of pre-deformation on the ductility of chromium
307-311 (2002) 701
- Wakai, E., N. Hashimoto, J.P. Robertson, T. Sawai and A. Hishinuma, Swelling of cold-worked austenitic stainless steels irradiated in HFIR under spectrally tailored conditions
307-311 (2002) 352
- Wakai, E., T. Ezawa, J. Imamura, T. Takenaka, T. Tanabe and R. Oshima, Effect of solute atoms on swelling in Ni alloys and pure Ni under He⁺ ion irradiation
307-311 (2002) 367
- Wakai, E., T. Sawai, K. Furuya, A. Naito, T. Aruga, K. Kikuchi, S. Yamashita, S. Ohnuki, S. Yamamoto, H. Naramoto and S. Jistukawa, Effect of triple ion beams in ferritic/martensitic steel on swelling behavior
307-311 (2002) 278
- Wakai, E., Y. Miwa, N. Hashimoto, J.P. Robertson, R.L. Klueh, K. Shiba, K. Abiko, S. Furuno and S. Jitsukawa, Microstructural study of irradiated isotopically tailored F82H steel
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- Wakai, E., see Furuya, K.
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- Wakai, E., see Sawai, T.
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- Wakasugi, Y., see Sekimura, N.
- Wall, M., see Schaeublin, R.
- Watanabe, H., D.J. Edwards, Y. Aono and N. Yoshida, Microstructure of neutron irradiated SS316L/DS-Cu joint
307-311 (2002) 335
- Watanabe, H., M. Suda, T. Muroga and N. Yoshida, Oxide formation of a purified V-4Cr-4Ti alloy during heat treatment and ion irradiation
307-311 (2002) 408

- Watanabe, H., T. Muroga and N. Yoshida, Effects of temperature change on vanadium alloys irradiated in HFIR 307–311 (2002) 403
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- Weber, W.J., see Heinisch, H.L.
- Weber, W.J., see Jones, R.H.
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- Wen, M., see Ghoniem, N.M.
- Wienhold, P., see Hirai, T.
- Williford, R.E., see Heinisch, H.L.
- Wilson, P.P.H., see Fischer, U.
- Wirth, B., see Osetsky, Yu.N.
- Wirth, B.D., see Kimura, A.
- Wirth, B.D., see Marian, J.
- Wirth, B.D., see Schaeublin, R.
- Wright, I.G., see Pint, B.A.
- Würz, H., B. Bazylev, I. Landman, S. Pestchanyi and V. Safronov, Macroscopic erosion of divertor and first wall armour in future tokamaks 307–311 (2002) 60
- Würz, H., see Arkhipov, N.
- Wu, C.H., see Barabash, V.
- Wu, C.H., see Bonal, J.P.
- Wu, Y., T. Muroga, Q. Huang, Y. Chen, T. Nagasaka and A. Sagara, Effects of impurities on low activation characteristics of V–4Cr–4Ti alloy 307–311 (2002) 1026
- Wu, Y., see Yu, J.
- Wu, Y.C., J.P. Qian and J.N. Yu, The fusion-driven hybrid system and its material selection 307–311 (2002) 1670
- Wu, Y.C., see Qian, J.P.
- Wuerz, H., see Bazylev, B.
- Wuerz, H., see Bandura, A.N.
- Xu, Q. and T. Yoshiie, Influence of temperature change on microstructure evolution in Ni alloys irradiated with neutrons 307–311 (2002) 380
- Xu, Q., T. Yoshiie and H. Mori, Point defect behavior in electron irradiated V–4Cr–4Ti alloy 307–311 (2002) 886
- Xu, Q., see Edwards, D.J.
- Xu, Q., see Ishizaki, T.
- Xu, Q., see Yoshiie, T.
- Xu, Z., see Chen, J.
- Xu, Z.Y., see Liu, X.
- Xu, Z.-Y., see Muroga, T.
- Yabe, H., see Inoue, N.
- Yamada, H., H. Kawamura, K. Tsuchiya, G. Kalinin, W. Kohno and Y. Morishima, Re-weldability tests of irradiated 316L(N) stainless steel using laser welding technique 307–311 (2002) 1584
- Yamada, R., N. Igawa, T. Taguchi and S. Jitsukawa, Highly thermal conductive, sintered SiC fiber-reinforced 3D-SiC/SiC composites: experiments and finite-element analysis of the thermal diffusivity/conductivity 307–311 (2002) 1215
- Yamadera, A., see Baba, M.
- Yamaguchi, K., see Shimura, K.
- Yamaguchi, K., see Yoshida, T.
- Yamaki, D., see Mukouda, I.
- Yamaki, D., see Tanifugi, T.
- Yamamoto, M., see Tsuzuki, K.
- Yamamoto, N., Y. Murase, J. Nagakawa and K. Shiba, Creep behavior of reduced activation martensitic steel F82H injected with a large amount of helium 307–311 (2002) 217
- Yamamoto, N., see Murase, Y.
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- Yamamoto, S., see Sugie, T.
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- Yamamoto, T., see Kimura, A.
- Yamamoto, T., see Lucas, G.E.
- Yamamoto, T., see Nagasaka, T.
- Yamamoto, T., see Nita, N.
- Yamamoto, T., see Nogiwa, K.
- Yamamoto, T., see Odette, G.R.
- Yamamoto, Y., see Yano, T.
- Yamaoka, N., see Ida, M.
- Yamashita, S., K. Oka, S. Ohnuki, N. Akasaka and S. Ukai, Phase stability of oxide dispersion-strengthened ferritic steels in neutron irradiation 307–311 (2002) 283
- Yamashita, S., see Wakai, E.
- Yamawaki, M., see Nishimura, H.
- Yamawaki, M., see Shimura, K.
- Yan, L.W., see Liu, X.
- Yan, Y., see Tsai, H.
- Yang, L., see Chen, J.
- Yang, W., A. Kohyama, T. Noda, Y. Katoh, T. Hinoki, H. Araki and J. Yu, Interfacial characterization of CVI-SiC/SiC composites 307–311 (2002) 1088
- Yang, W., see Araki, H.
- Yano, T., Y. Yamamoto and T. Iseki, Physical property change of concurrently neutron-irradiated CVD-diamond, silicon and silicon carbide 307–311 (2002) 1210
- Yano, T., see Akiyoshi, M.
- Yao, Z., R. Schäublin and M. Victoria, The microstructure and tensile properties of pure Ni single crystal irradiated with high energy protons 307–311 (2002) 1102
- Yasuda, K., see Ryazanov, A.I.
- Yasunaga, K., see Nita, N. 307–311 (2002) 1305
- 307–311 (2002) 374
- 307–311 (2002) 918
- 307–311 (2002) 398

- Ye Ostrovsky, Z., see Chakin, V.P.
 Yeliseyeva, O.I., V.M. Chernov and
 T.V. Tsaran, Kinetic features of the
 component interaction in the V[O]–
 Li[Ca] system
- Ying, A., H. Huang and M. Abdou,
 Numerical simulation of ceramic
 breeder pebble bed thermal creep
 behavior
- Yip, S., see Satou, M.
- Yokoyama, K., see Nakazawa, T.
- Yokoyama, K., see Taniguchi, M.
- Yokoyama, Y., see Munakata, K.
- Yonekawa, M., T. Ishii, M. Ohmi, F.
 Takada, T. Hoshiya, M. Niimi, I.
 Ioka, Y. Miwa and H. Tsuji, De-
 velopment of a remote-controlled
 fatigue test machine using a laser
 extensometer for investigation of
 irradiation effect on fatigue prop-
 erties
- Yonekawa, M., see Kaji, Y.
- Yonekawa, M., see Saito, S.
- Yoneoka, T., see Sakurai, T.
- Yoon, H.K., see Lee, S.P.
- Yoshida, T., T. Ii, T. Tanabe, H.
 Yoshida and K. Yamaguchi, In situ
 luminescence and optical absorp-
 tion measurements of silica in re-
 actor core
- Yoshida, H., see Yoshida, T.
- Yoshida, K., see Matsuyama, M.
- Yoshida, N., see Hatakeyama, M.
- Yoshida, N., see Iwakiri, H.
- Yoshida, N., see Kimura, A.
- Yoshida, N., see Matsuyama, M.
- Yoshida, N., see Miyamoto, M.
- Yoshida, N., see Sugano, R.
- Yoshida, N., see Sugiyama, T.
- Yoshida, N., see Tamura, S.
- Yoshida, N., see Tokunaga, K.
- Yoshida, N., see Tokunaga, K.
- Yoshida, N., see Watanabe, H.
- Yoshida, N., see Watanabe, H.
- Yoshida, N., see Watanabe, H.
- Yoshiie, T., T. Ishizaki, Q. Xu, Y. Sa-
 toh and M. Kiritani, One dimen-
 sional motion of interstitial clusters
 and void growth in Ni and Ni
 alloys
- Yoshiie, T., see Ishizaki, T.
- Yoshiie, T., see Xu, Q.
- Yoshiie, T., see Xu, Q.
- Yoshikawa, O., see Tokunaga, K.
- 307–311 (2002) 657
 307–311 (2002) 1400
 307–311 (2002) 827
 307–311 (2002) 1007
 307–311 (2002) 1436
 307–311 (2002) 719
 307–311 (2002) 1451
 307–311 (2002) 1613
 307–311 (2002) 331
 307–311 (2002) 1573
 307–311 (2002) 1380
 307–311 (2002) 1191
 307–311 (2002) 1268
 307–311 (2002) 1268
 307–311 (2002) 729
 307–311 (2002) 444
 307–311 (2002) 135
 307–311 (2002) 521
 307–311 (2002) 729
 307–311 (2002) 710
 307–311 (2002) 941
 307–311 (2002) 1080
 307–311 (2002) 735
 307–311 (2002) 126
 307–311 (2002) 130
 307–311 (2002) 335
 307–311 (2002) 408
 307–311 (2002) 403
 307–311 (2002) 924
 307–311 (2002) 961
 307–311 (2002) 380
 307–311 (2002) 886
 307–311 (2002) 130
- Yoshitake, T., T. Ohmori and S.
 Miyakawa, Burst properties of ir-
 radiated oxide dispersion strength-
 ened ferritic steel claddings
- You, J.H. and H. Bolt, Prediction of
 plastic deformation of fiber-re-
 inforced copper matrix composites
- Youngblood, G.E., D.J. Senor and
 R.H. Jones, Optimizing the trans-
 verse thermal conductivity of 2D-
 SiC_f/SiC composites. I. Modeling
- Youngblood, G.E., D.J. Senor, R.H.
 Jones and W. Kowbel, Optimizing
 the transverse thermal conductivity
 of 2D-SiC_f/SiC composites, II. Ex-
 perimental
- Yu, J., D.S. Gelles, F.A. Garner, M.B.
 Toloczko, M.L. Hamilton, R.J.
 Kurtz and R.H. Jones, The perfor-
 mance of Chinese 316L and 316Ti
 stainless steel irradiated at 300, 400,
 500 and 600 °C in HFIR JP-23 test
 capsule
- Yu, J., Y. Wu, J. Sha, Q. Huang and Y.
 Ke, Neutron radiation effects of the
 center conductor post in a spherical
 tokamak reactor
- Yu, J., see Yang, W.
- Yu, J.N., see Wu, Y.C.
- Yubuta, K., see Nogiwa, K.
- Žáček, F., see Nanobashvili, S.
- Zabelin, A.M., see Fedorov, V.V.
- Zasadny, T.M., see Fedorov, V.V.
- Zheng, S., see Huang, Q.
- Zhitlukhin, A., see Arkhipov, N.
- Zhuravlev, A.V., see Bandourko, V.V.
- Ziegler, H., see Bekris, N.
- Zinkle, S.J., M. Victoria and K. Abe,
 Scientific and engineering advances
 from fusion materials R&D
- Zinkle, S.J., N. Hashimoto, D.T.
 Hoelzer, A.L. Qualls, T. Muroga
 and B.N. Singh, Effect of periodic
 temperature variations on the mi-
 crostructure of neutron-irradiated
 metals
- Zinkle, S.J., see Eldrup, M.
- Zinkle, S.J., see Kalinin, G.M.
- Zinkle, S.J., see Muroga, T.
- Zinkle, S.J., see Shikama, T.
- Zouev, Yu.N., see Dolinsky, Yu.N.
- Zucchetti, M., see Ciampichetti, A.
- 307–311 (2002) 788
 307–311 (2002) 74
 307–311 (2002) 1112
 307–311 (2002) 1120
 307–311 (2002) 357
 307–311 (2002) 1670
 307–311 (2002) 1088
 307–311 (2002) 1629
 307–311 (2002) 946
 307–311 (2002) 1334
 307–311 (2002) 1498
 307–311 (2002) 1498
 307–311 (2002) 1031
 307–311 (2002) 1364
 307–311 (2002) 154
 307–311 (2002) 1649
 307–311 (2002) 31
 307–311 (2002) 192
 307–311 (2002) 912
 307–311 (2002) 668
 307–311 (2002) 547
 307–311 (2002) 1073
 307–311 (2002) 1484
 307–311 (2002) 1047